

IN THE CLAIMS:

1.-14. (Cancelled)

15. (Currently amended) An optical disk control device comprising a digital signal processing means and an analog signal processing means,

said digital signal processing means comprising an A/D conversion command means for converting analog signals, and a serial transfer means,

said analog signal processing means comprising:

a playback signal detection means for detecting data recorded on a disk;

a serial reception means for receiving a signal transferred from the serial transfer means on the basis of a conversion command from said A/D conversion command means of the digital signal processing means; and

a signal switching means for successively selecting plural data signals obtained by the playback signal detection means, according to a signal received by the serial reception means, and for time-division-multiplexing the selected signals; and

said digital signal processing means comprising:

an A/D conversion means for analog-to-digital ~~converting~~ conversion of a data signal transferred from the analog signal processing means; and

an arithmetic processing means for performing arithmetic processing on digital signals outputted from the A/D conversion means;

said A/D conversion command means for first setting an order of acquiring digital signals

Do Not
Enter
MS 10/17/2005